

F-2-01

H

PTO/SB/05 (08-00)

Approved for use through 10/31/2002 OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Please type a plus sign (+) inside this box  Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 45163-1008  
First Inventor Bi-yu LI et al.  
Title METHOD FOR IDENTIFICATION, SEPARATION AND QUANTITATIVE MEASURE OF NUCLEIC ACID FRAGMENTS  
Express Mail Label No. EL 904 934 895 US

JC997 U.S. PTO  
09/896324  
06/29/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 78]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 4]
5. Oath or Declaration [Total Pages ]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 17 completed)
  - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney (when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☒ Other: Certificate of Express Mail Request for Non-Publication

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_


For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label  or ☒ Correspondence address below

(Insert Customer No. or Attach bar code label here)

Name	Mitchell P. Brook				
	Baker & McKenzie				
Address	101 Broadway, Twelfth Floor				
City	San Diego	State	California	Zip Code	92101
Country	USA	Telephone	619 236-1441	Fax	619 236-0429

Name (Print/Type)	Mitchell P. Brook	Registration No. (Attorney/Agent)	32,967
Signature		Date	6/29/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

**FEE TRANSMITTAL  
for FY 2001**

Patent fees are subject to annual revision.

**Complete if Known**

Application Number	To be assigned
Filing Date	Filed herewith
First Named Inventor	Bi-yu LI et al.
Examiner Name	To be assigned
Group Art Unit	To be assigned
Attorney Docket No.	45163-1008

**TOTAL AMOUNT OF PAYMENT** (\$) **924.00****METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-0410**

Deposit Account Name **Baker & McKenzie**

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		101	710	Utility filing fee	710.00
		106	320	Design filing fee	
		107	490	Plant filing fee	
		108	710	Reissue filing fee	
		114	150	Provisional filing fee	

**SUBTOTAL (1)** (\$) **710.00****2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
23	-20** = 3	18	54.00
5	-3** = 2	80	160.00
Multiple Dependent			

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description
		103	18	Claims in excess of 20
		102	80	Independent claims in excess of 3
		104	270	Multiple dependent claim, if not paid
		109	80	** Reissue independent claims over original patent
		110	18	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) **214.00**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Code	Fee (\$)	Fee Description	Fee Paid
		105	130	205 65 Surcharge - late filing fee or oath	
		127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
		139	130	139 130 Non-English specification	
		147	2,520	147 2,520 For filing a request for ex parte reexamination	
		112	920*	112 920* Requesting publication of SIR prior to Examiner action	
		113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
		115	110	215 55 Extension for reply within first month	
		116	390	216 195 Extension for reply within second month	
		117	890	217 445 Extension for reply within third month	
		118	1,390	218 695 Extension for reply within fourth month	
		128	1,890	228 945 Extension for reply within fifth month	
		119	310	219 155 Notice of Appeal	
		120	310	220 155 Filing a brief in support of an appeal	
		121	270	221 135 Request for oral hearing	
		138	1,510	138 1,510 Petition to institute a public use proceeding	
		140	110	240 55 Petition to revive - unavoidable	
		141	1,240	241 620 Petition to revive - unintentional	
		142	1,240	242 620 Utility issue fee (or reissue)	
		143	440	243 220 Design issue fee	
		144	600	244 300 Plant issue fee	
		122	130	122 130 Petitions to the Commissioner	
		123	50	123 50 Petitions related to provisional applications	
		126	240	126 240 Submission of Information Disclosure Stmt	
		581	40	581 40 Recording each patent assignment per property (times number of properties)	
		146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
		149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
		179	710	279 355 Request for Continued Examination (RCE)	
		169	900	169 900 Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) \_\_\_\_\_**SUBMITTED BY**

Name (Print/Type)	<b>Mitchell P. Brook</b>	Registration No. (Attorney/Agent)	<b>32,967</b>	Telephone	<b>619 236-1441</b>
Signature	<i>Mitchell P. Brook</i>	Date	<b>6/29/01</b>		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

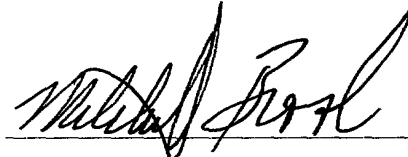
Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	Bi-yu LI et al.
	Title	METHOD FOR IDENTIFICATION, SEPARATION AND QUANTITATIVE MEASURE OF NUCLEIC ACID FRAGMENTS
	Atty Docket Number	45163-1008

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

6/29/01  
Date

  
Signature

Mitchell P. Brook

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.

45163-1008-0001

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	Art Unit: To be assigned
Bi-yu LI et al.	)	
	)	Examiner: To be assigned
Serial No.: To be assigned	)	
	)	
Filed: Filed herewith	)	
	)	
For: METHOD FOR IDENTIFICATION,	)	
SEPARATION AND QUANTITATIVE	)	
MEASURE OF NUCLEIC ACID	)	
FRAGMENTS	)	

San Diego, California 92101  
June 29, 2001

BOX PATENT APPLICATION  
Commissioner For Patents  
Washington, D.C. 20231

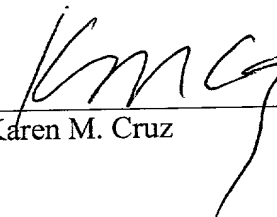
**CERTIFICATE OF EXPRESS MAILING**

Dear Sir:

"Express Mail" mailing label No. EL 904 934 895 US

Date of Deposit: June 29, 2001

I hereby certify that a Utility Patent Application Transmittal, Fee Transmittal, check in the amount of \$924.00, Patent Application including the Specification, Abstract, and Claims (78 pages), Drawings (FIGS. 1-4 on 4 pages); Request for Non-Publication and return postcard are being deposited with the U.S. Postal Service "Express Mail Post Office to the Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to Box Patent Application, Commissioner for Patents, Washington, D.C. 20231.

  
\_\_\_\_\_  
Karen M. Cruz